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May 27, 1995

DERWENT-ACC-NO: 1995-381142

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TITLE: Prepn. of *Shigella sonnei* bacteriophage - comprises growing the bacteria and the phage in a medium contg. pancreatic or acid haemo-hydrolysate, and infecting the bacteria with phage

INVENTOR: BAIGUZINA, F A; VOROSHILOVA, N N

PRIORITY-DATA: 1982SU-3528259 (December 28, 1982)

PATENT-FAMILY:

| PUB-NO | PUB-DATE | LANGUAGE | PAGES | MAIN-IPC |
|---------------|--------------|----------|-------|------------|
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ABSTRACTED-PUB-NO: SU 1128599A

BASIC-ABSTRACT:

More active *Shigella sonnei* bacteriophage is obtd. as follows. The bacteria and the phage are grown in a medium in the presence of 10-12% of pancreatic or 15-17% of acid haemohydrolysate, followed by infecting the bacteria with the phage. The pancreatic and acid haemohydrolysates are obtd. by treating the waste of prodn. of gamma-globulin with dry pancreatin or with HCl respectively, and sepg. the prod.

USE - The method is used in microbiological industry.

ADVANTAGE - Increased lytic activity towards virulent homologous strain, without affecting the lytic activity of the phage towards the dissociated forms, is obtd.

ABSTRACTED-PUB-NO: SU 1128599A

EQUIVALENT-ABSTRACTS:

CHOSEN-DRAWING: Dwg.0/0